

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Fritz Kirchhofer	Examiner: Unknown Group Art Unit: Unknown
Application No.:	Unknown	
Filing Date:	Herewith	
Title:	Cannula/Needle Combination for Subcutaneous Administration of a Substance	

TRANSMITTAL LETTER

BOX PCT  
Commissioner for Patents  
Washington, D.C. 20231

Express Mail Mailing Label No: EY00021479015

Date of Deposit: November 13, 2001  
I hereby certify that this paper of fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Dear Sir:

Signature: [Signature]

The following documents are enclosed in connection with the above-referenced patent application:

1. Transmittal Letter to United States Designated/Elected Office
2. Copy of International Application PCT/CH00/00241;
3. English Language Translation;
4. Verification of Translation;
5. Declaration;
6. Assignment including Recordation Coversheet;
7. Power of Attorney;
8. Submission under 37 C.F.R. § 3.73(b);
9. Checks for \$890.00 and \$40.00; and
10. a Return Receipt Postcard.

Date: Nov 13, 2001

Respectfully submitted,

DORSEY & WHITNEY LLP

By: [Signature]

David E. Bruhn (Reg. No. 36,762)  
Suite 1500  
50 South Sixth Street  
Minneapolis, Minnesota 55402-1498  
Telephone: 612-340-6317

Docket: 14158

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Fritz Kirchhofer	Examiner:	Unknown
Appln. No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith		
Title:	Cannula/Needle Combination for Subcutaneous Administration of an Active Surface		

SUBMISSION UNDER 37 C.F.R. § 3.73(b)

BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Express Mail Mailing Label No: EVO40214790 US

Date of Deposit: November 13, 2001

I hereby certify that this paper of fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Signature: *[Signature]*

Sir:

Disetronic Licensing AG a corporation, is an owner of the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: To:  
The document was recorded in the U.S. Patent and Trademark Office at Reel ,  
Frame , or a copy of which is attached.
2. From: To:  
The document was recorded in the U.S. Patent and Trademark Office at Reel ,  
Frame , or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of  
**Disetronic Licensing AG.**

Dated: November 8, 2001

Signature: *Hanna Maus*  
Name: Maus Hanna  
Title: Patent Attorney

FORM PTO-1390  
(REV. 9-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

14185

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

10/009319

INTERNATIONAL APPLICATION NO.  
PCT/CH00/00241INTERNATIONAL FILING DATE  
01 May 2000PRIORITY DATE CLAIMED  
14 May 1999TITLE OF INVENTION CANNULA/NEEDLE COMBINATION FOR SUBCUTANEOUS ADMINISTRATION OF A  
SUBSTANCE

APPLICANT(S) FOR DO/EO/US

KIRCHHOFFER, Fritz and STECH, Jurg

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☒ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Submission under 37 C.F.R 3.73(b);

Verification of Translation; and  
a Return Postcard

U.S. APPLICATION NO. (if known) **10/009319**  
NAINTERNATIONAL APPLICATION NO.  
**PCT/CH00/00241**ATTORNEY'S DOCKET NUMBER  
**14158****CALCULATIONS PTO USE ONLY**21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... **\$1040.00**International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... **\$890.00**International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... **\$740.00**International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... **\$710.00**International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00****ENTER APPROPRIATE BASIC FEE AMOUNT =**\$ **890.00**Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ \_\_\_\_\_

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	9 - 20 =	0	x <b>\$18.00</b>	\$ _____
Independent claims	1 - 3 =	0	x <b>\$84.00</b>	\$ _____
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$280.00</b>	\$ _____

**TOTAL OF ABOVE CALCULATIONS =**\$ **890.00**☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.**SUBTOTAL =**\$ **890.00**Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ \_\_\_\_\_

**TOTAL NATIONAL FEE =**\$ **890.00**Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +\$ **40.00****TOTAL FEES ENCLOSED =**\$ **930.00**Amount to be  
refunded:

\$

charged:

\$

- a. ☒ A check in the amount of \$ **930.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. **04-1420**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE

David E. Bruhn

NAME

36,762

REGISTRATION NUMBER

JC07 PCT/PTO 13 NOV 2001

U.S. APPLICATION NO. (if known) <b>10/009319</b>		INTERNATIONAL APPLICATION NO. <b>PCT/CH00/00241</b>		ATTORNEY'S DOCKET NUMBER <b>14158</b>	
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... <b>\$1040.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$890.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$740.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$710.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>  \$ 890.00 \$ _____ \$ _____ \$ _____ \$ _____ \$ 890.00 \$ _____ \$ 890.00 \$ 40.00 \$ 930.00 Amount to be refunded: \$ charged: \$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	9 - 20 =	0	x \$18.00		
Independent claims	1 - 3 =	0	x \$84.00		
			+ \$280.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)					
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 890.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$ 890.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>				\$ 890.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 930.00	
				Amount to be refunded: \$	
				charged: \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>930.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					

CHECK DATE <b>11/09/01</b> usbank Havre, MT 59401		<b>DORSEY &amp; WHITNEY LLP</b> 60 SOUTH SIXTH STREET, STE 1500 MINNEAPOLIS, MINNESOTA 55402-1498		CHECK NO. <b>893741</b> 93-455/929 CHECK AMOUNT <b>\$*****890.00</b>	
PAY <b>EIGHT HUNDRED NINETY AND 00/100 Dollars</b>		TWO SIGNATURES REQUIRED ON CHECK OVER \$200,000.00 <i>Leslie Junder</i>			
TO THE ORDER OF <b>Director of the United States Patent and Trademark Office</b>		VOID AFTER SIX MONTHS			

893741 092904554 150080378931